



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology



Udham Singh Nagar, Pantnagar, Uttarakhand

Agromet Advisory Bulletin

Date : 15-02-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-15(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-02-16 | 2022-02-17 | 2022-02-18 | 2022-02-19 | 2022-02-20 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 22.0 | 23.0 | 22.0 | 23.0 | 23.0 |
| Tmin(°C) | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 |
| RH-I(%) | 65 | 55 | 60 | 50 | 55 |
| RH-II(%) | 40 | 35 | 30 | 30 | 25 |
| Wind Speed(kmph) | 8.0 | 8.0 | 8.0 | 7.0 | 8.0 |
| Wind Direction(Degree) | 20 | 270 | 120 | 90 | 110 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 2 | 2 |

Weather Summary/Alert:

In the last seven days (8 – 14 Feb, 2022), there was 0.0 mm rain and the sky was cloudy to dense cloudy. The maximum & minimum temperatures ranged between 14.5 to 21.0°C and 5.9 to 11.1°C respectively. Relative humidity ranges from 89 to 96 % at 0712 hrs and 45 to 85 % at 1412 hrs. The wind was mainly from the ESE & WSW with a speed of 1.6 to 5.4 km/hour. Weather will remain clear in the coming five days. Maximum & minimum temperature may range from 22.0 to 23.0 deg C & 5.0 to 6.0 deg C respectively. Wind will blow with a speed of 7.0-8.0 km/hr from the ENE, ESE & W direction. As per ERF, the rainfall will be above normal and maximum & minimum temperature will be below normal in the state from 20 to 26 February.

General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users).

SMS Advisory:

In the coming five days weather will remain clear.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|------------------------|
|-----------------|------------------------|

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| WHEAT | On the occurrence of mahu in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind. |
| MUSTARD | On the occurrence of Sclerotinia rot in mustard crop, remove affected part and spray carbendazim @ 1 g/lit water in clear weather. |
| CHICK PEA | To control the fruit borer in gram, spray Indoxacarb 158 EC by making a solution of 400-500 ml/ha in 500-600 liters of water. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| POTATO | In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre . |
| TOMATO | If crop plants is showing fluffy cottony growth which leads to dry the plants. So infected plants must be removed and burn. In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre by keeping in view the weather forecast. |
| PAPAYA | Drying up of flowers in papaya is observed which is due to continuous prevalence of low temperature. After increase in temperature it will be allright. Go for spray of boron @ 0.2 % (2g/lit) immediately. |
| LEMON | Give proper nutrition and irrigation to citrus plant to check flower drop. To control the fruit drop Planofix @ 0.75 ml/litre can be applied. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|---|
| BUFFALO | To save the animals from cold, proper arrangement of animal shed should be done. Dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. |